

Phillip Finck, Ph.D.

Associate Laboratory Director, Argonne National Laboratory

Phillip Finck is Argonne's Associate Laboratory Director for Applied Science and Technology.

The directorate includes Argonne's energy-related research programs. This includes the research divisions for Energy Technology, Decision and Information Sciences, Energy Systems, Environmental Science, Chemical Engineering and Nuclear Engineering, as well as the Infrastructure Assurance Center and the Transportation Technology Research and Development Center.

Finck received his Ph.D. in nuclear engineering at MIT in 1982, and also holds an MBA from the University of Chicago. He was a mechanical engineer at Novatome, a reactor in France, from 1983 to 1986, and was involved in the safety and design of fast reactors, including France's Superphenix.

In 1986, he joined the staff at Argonne in neutronics methods development for the Integral Fast Reactor concept, and later for the New Production Reactor. In 1991, he became the lead for neutronics analyses for Experimental Breeder Reactor-II. In 1993, he joined the French Atomic Energy Commission, where he was head of the Reactor Physics Laboratory at the Cadarache Center, with activities in light water reactors and liquid metal reactors, criticality safety, fuel cycle physics and nuclear data. In 1995, he was elected to chair the European nuclear data project.

In 1997, Finck rejoined Argonne, where he was associate director of the Technology Development Division. He has led Argonne activities in the Advanced Accelerator Applications program since 2000, and has been heavily involved in transforming the program from accelerator-based to reactor-based transmutation.



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In 2003, he was named deputy associate laboratory director for Engineering Research, where he was responsible for coordination of all nuclear energy-related activities at Argonne, including Advanced Fuel Cycle Initiative and Generation-IV programs, and development of new initiatives.

He is a Fellow of the American Nuclear Society.

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